



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/666,491	09/18/2000	Edward N. Dials	RPS9-2000-0022US1/1709P	5039

7590

05/28/2002

Sawyer Law Group  
P O Box 51418  
Palo Alto, CA 94303

EXAMINER

DINH, TUAN T

ART UNIT

PAPER NUMBER

2827

DATE MAILED: 05/28/2002

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

'09/666,491

Applicant(s)

Dials et al.

Examiner

Tuan Dinh

Art Unit

2827

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 13 May 2002.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-3, 8, 9, 14, 15 and 17-19 is/are pending in the application.
- 4a) Of the above claim(s) 5-7 and 11-13 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3, 8, 9, 14, 15 and 17-19 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

### Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

### Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s) \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Response to Arguments*

1. Applicant's arguments filed 5/13/02 have been fully considered but they are not persuasive.

#### **Applicant argues:**

(a) The edge (101b), as disclosed in Grosser is substantially straight and does not anyway constitute a curved handle, or Grosser does not teach or suggest "a curved handle portion" of a handle.

(b) Grosser in view of Haughton do not teach "a retainer lid hingedly coupled to the retainer guide and rotated from an opening position to a closed position."

#### **Examiner disagrees.**

Response to argument (a), Grosser clearly shows an edge member (101b) disclosed in figure 1 having a curve on a top part of the edge portion (101b) and is not straight portion; however, Grosser definitely teaches the edge portion (101b) which is a handle having a curved handle portion for handling when insert/install into a computer system.

#### **Response to argument (b):**

Applicant does not recite "a retainer lid hingedly coupled to the retainer guide (Amend A, page 12, line 3), applicant only claimed "a retainer lid hingedly

coupled to the at least one slot of the retainer guide (claim 14, line 11, and claim 19, line 12).

Haughton shows a retainer guide (140) having a retainer lid (144) including a lock bar (142) hingedly coupled to at least one slot (120). The retainer lid including the lock bar (142) having functions, which is lock circuit boards (135) when insert into a computer system (see figure 2 and unlock the circuit boards when the lock bar bents for remove the circuit board (135) from the system disclosed in figures 3-4. The flexible and bendable of the lock bar of the retainer lid which is/are caused rotate from an opening position to a closed position when the circuit board being inserted/removed from the computer system.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

3. Claims 1-4, and 8-10 are rejected under 35 U.S.C. 102(b) as being anticipated by Grosser et al. (U. S. Patent 6,118,667).

As to claims 1 and 8, Grosser discloses an information-processing system (200, column 3, line 31) as shown in figures 1-2 comprising:

a housing (201, column 3, line 34); and

a card insulator (100, column 3, line 10), the card insulator comprising:

Art Unit: 2827

a planar portion (101, column 3, line 11); and  
a curved handle portion (a side member having an edge 101b having a curve top part portion) coupled to the planar portion, the handle portion including a hooked element (top portion of the handle-see figure 1) for coupling the card insulator to the housing.

As to claim 2, Grosser discloses an information-processing system as shown in figure 2 wherein the housing (201) comprises first and second sides (201a, 201b, column 3, line 34) wherein the first side is opposite the second side.

As best understood to claims 3 and 9, Grosser discloses an information-processing system as shown in figure 2 further comprises a chassis (formed by two sides 201a, 201b), and the handle portion is coupled to the chassis via the hooked element.

### ***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 14-15, and 17-19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Grosser et al. (U. S. Patent 6,118,667) in view of Haughton et al. (U. S. Patent 5,982,627).

Grosser discloses an information-processing system (200) as shown in figures 1-2 comprising:

Art Unit: 2827

a housing (201) having first and second sides (201a, 201b-figure 2) wherein the first side is opposite the second side;

a card insulator (100), the card insulator comprising:

a planar portion (101); and

a curved handle portion (a side member having an edge 101b) having a curve (upper edge of the handle) coupled to the planar portion, the handle portion including a hooked (top portion of the handle) element for coupling the card insulator to the first side of the housing;

an end portion (side part having edge 101a) coupled to the planar portion (101); and

a retainer guide (206; 207, column 3, lines 37, 40), the retainer guide coupled to the second side of the housing, the retainer guide comprising;

at least one slot (figure 2) for receiving the card insulator (100, column 3, lines 37-55).

Grosser does not show a retainer lid hingedly coupled to the at least one slot and rotated from an open position to a closed position.

Haughton shows a retainer guide (180-figure 1A) having a retainer lid (144) hingedly coupled to the at least one slot (120) and rotated from open to closed positions (see figures 2-4).

It would have been obvious to one having ordinary skill in the art at the time the invention was made to use a lid of a retainer as taught by Haughton to employ the

Art Unit: 2827

system of Grosser in order to provide a lock or unlock a circuit board (or card insulator) when inserted or removed from the system.

### ***Conclusion***

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuan T Dinh whose telephone number is 703-306-5856. The examiner can normally be reached on M-F.

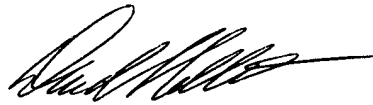
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David L. Talbott can be reached on 703-305-9883. The fax phone numbers for the organization where this application or proceeding is assigned are 703-305-1341 for regular communications and 703-305-1341 for After Final communications.

Art Unit: 2827

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-0956.

TD

May 23, 2002



DAVID L. TALBOTT  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2800